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<110> Liew, Choong-Chin

<120> Method for the Detection of Allergies Related Gene Transcripts in Blood

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<141> 2004-03-30

<150> US 10/802,875

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<150> US 10/601,518

<151> 2003-06-20

<150> US 10/268,730

<151> 2002-10-09

<150> US 10/085,783

<151> 2002-02-28

<150> US 09/477,148

<151> 2000-01-04

<150> US 60/271,955

<151> 2001-02-28

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<151> 2001-07-13

<150> US 60/275,017

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<151> 1999-01-06

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<170> PatentIn version 3.2

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 aacgttgtga taaatcttac gtcgtcttat atattaagtt tttgtggagg atcggataag 240
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 gggtttcccg ggaacccaa ccctttaagg ggtngggggg aatttcccc caaaaaagg 120
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 <212> DNA
 <213> Human

<400> 15
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 cccacatttc catttttaat atatactgtg ctttacaaat attataatat gttttaaaat 180
 atgttcacag aagcacctgg tctgtgaatg gcatgccagc attaaaaaaaa ataagcattc 240
 tttgaatata tatttagttt tttaatgtgg taggaaaatc aaagccagag ggagtagaaa 300
 caaaatttgt gattttctaa atacttcttg gctgcaggga agaaaccacg tcccaggcga 360
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 accaagatgg tcaacaga 438

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 <213> Human

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 ctttaaggnt tgggggaatt cccccaaaaa aggaaaaaat tttcccgggg gccaccccg 120
 aaagggggaa ggcccccaa accgggggggg gggnaaaaag gtgggtttcc ccctttttcc 180
 aattcccaa accaatttcc aaaaggnaaa ccaacnttc ccaaatggg aaagg 235

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caaattgggg ggnaaaccaa atttaagggg ggaagggggg gncccccccg ggaaaggccc 180
aaggggggaa aattttttccg ggggtgggtn gggggaacca atttaagggg ggggcccccg 240
gggggggtcc ccttgggcn tttttccttt tgggtnaaaa aaaaaaaccc cttg 294

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<212> DNA

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<213> Human

<400> 18
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 ctgtacttga actctaaaac tgttgagagaa actcagtgtc taccccaaca gattcatttc 180
 aaatagctgt aaaaggtatg ttactccag aagaccagag ttgcttcttt tgaacttctc 240
 attccttggg cctaggaacc ctcatcacc tcattccaac gtcaaccag atcttctctt 300
 ccataaacag cactccctca ggcccctgcc tgacacaggc atagactgtc atgttggatt 360
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cggcccgggc ccgggnagcc cttcccgggc ttttcccccg ggggggnccc gggggggacc 120
tttaggcggc accccaacaa caccaggccc tactttttcc aaggncgggg aagcccatgg 180
gttctgggna acgggcaatg cgggcttgca acgggnggaa naaaacagn ccctaaaagaa 240
tg 242

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<211> 181
<212> DNA
<213> Human

<400> 20
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tctcagctca ctgcaacctc cacctctcag gagaattgct gaacctggga ggcggagggtt 120
gcagggagct gagattgcgc cactgccctc catcctgggc gacagagcaa gaacctgtct 180
c 181

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tnccccnccn nttnanacna aanntngcac tcttggtg      100

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<400> 22

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ataatggaag atagctntga ggatnaacnc tggtnnaggg 100

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cggaaggcc nttggggaaa aaaccaangg ncaaaccccc ccaaccacnc ggcccccccc	120
aaggggggtg gggaagagcc aaattttcttt gggaaanaac gcccccttgg ggaaaanaag	180
gcccaaccacc tttcaacanc cccaangcg nggaagccat ttcttgg	227

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<210> 25
 <211> 306
 <212> DNA
 <213> Human

<400> 25
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 ggaagaattg tatgtgggag tttttaatgg tctcatttca ttggctataa ctcagttaca 180
 aggagaaata taactgcaga ggagctttga aaatttagtt cagctgaggg taaaggaaga 240
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<210> 26
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<400> 26

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ttgaggcgaa aggactcgcg gatttgacgc ttgatgcggt tgcgctcgac ggcgagcttg 180
acgctctttt tgccgatcac caaacctagg cggggatgat caagctgggt atcgcgcgct 240
agcagcagga cacttttgcc cgggagcttt accgcttggg gagtcgaaga ctgccttgna 300
ttgccgggga gtcagcagtc gctttttccc gngcgaagcc tcgaactcac cancctgtct 360
ggattaatta gacagcaaga cgcttgcggc ccctttggcg cgaacgaacn ncgaaaagga 420
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acgagccggg ctggagcggt gggaaaagca aatgtaggca taagtaacga caatgcgggc 120
gagaaccccg cacaccgaaa ggctaaggat tcctccgcta tgtcaatcaa cggaggggta 180
gtcgggtact aaggcgtag cgaaggcgaa gcgccgatgt gaaggggggt aatattcctc 240
cacttgccat gcgtgtgaat ccatgacgga gacgaagccg ggggtgctc ctgacggaag 300
tgggcgccag caggggcggc cttcgggcca aaccgaacct caggtcanac ttccaagaaa 360

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anaacatcct aaggngctcg agagtacttt ctagagcggc cgcgggcccc atcgantttt	480
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gctggaaggc ttgnagggca gaaaagggat ccgccttttg gaggaaccca ggtaaggttt	120
aagaagggaac ccaccctnng ggccaaacaa aaacttaaaa acccccccat ttcntncccc	180
ccaaaaaaaa aattttttaaa aaaaattttt ngcccccggg ggcattgggg g	231

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cantcantng ttgccntntg atacccnana caaaattgaa

100

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<222> (698)..(698)
<223> n is a, c, g, or t

<220>
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<222> (711)..(711)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (720)..(720)
<223> n is a, c, g, or t

<400> 52	
atatgacctg cgnnacanacn cnctaanang ngactngtta aanacnttcc gtggaatnna	60
ctcagactgc aaantgtnat nctgncnnan nntgngact gtccngncng atttnnngcn	120
tgnaatacta ttgcctctta tatacacnac caannntgcg aagggcnann nnacctttnc	180
cantnnnctg gggncacacn nnnngngaact gagagtggat cttgtgtacc tgacnnacca	240

SEQLIST~1.TXT

gntntnnagn agggcgctca ctctgattgg tgcaccatgg ttacacagtg tgtgcaaaga	300
ccngnctatc tctactganga tgattgncag ngccnntggg tggcacnang ggnactgatg	360
ancancactg accctgccga cgccagangc cgcanatccg gagantncat gngacnatat	420
aggttaccnc cttcnaccgg gcancaatct gcttctatgg tgaatgcaga ccatntagaa	480
ntctntcnct ataggcatga ttttnnncag tgcgtcagcc ttganaanga ancnnacttt	540
tgntagatga nnnngtgctc ncccttgngg ctnacaaatt ccancaccnt tggtagcngc	600
agccnttaag ancacttntt ttgggttgcg ctnttgatg aattacnaat agnntgtttt	660
gttncaaggc ctttctgcna aatatgaana aaagngcnct tagctttttg ngggaactgn	720
actggaaatt ttg	733

<210> 53
 <211> 100
 <212> DNA
 <213> Human

<220>
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 <223> n is a, c, g, or t

<220>
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 <223> n is a, c, g, or t

<220>
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 <222> (37)..(37)
 <223> n is a, c, g, or t

<220>
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 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
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 <222> (44)..(45)
 <223> n is a, c, g, or t

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 <222> (50)..(50)
 <223> n is a, c, g, or t

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 <222> (57)..(59)
 <223> n is a, c, g, or t

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 <222> (70)..(70)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (74)..(74)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (80)..(80)

<223> n is a, c, g, or t

<400> 53

gatcagacaa gancntgggtc cacagcgggga cgagagntct cnanntctgcn ggggagnnnc 60

caagtacgcn agcncctgaan ctaaagcaag caagaaaaag 100

<210> 54

<211> 515

<212> DNA

<213> Human

<400> 54

atatggcaag gataaccctt atacttctgc ataatagaatt aactaaaata acttgcaagg 60

agagccaagc taaacccccg ataccgacga gtaccagaac aggtaagcac cccgtctatg 120

tagatatggg aagattatag gaggcgacaa ctaccgagcc tggatgtagc tgggtgtccaa 180

gaagagtctt agttcattta tttggccccag aaccttctaa tcccccttga atttatgtca 240

agaggaacag ctcttttgac actggaaaac cgtgagagag taagatttac acccttaggg 300

gcctaatagc agccaccatt aagaaagcgt tcgctccaca cccactacct aaaaatcgaa 360

tataactgac tcctcacacc caattggcca atcattcccc tataaaagaa ctatgttagt 420

ataagtaacc tgaaaacatt ctctcttgca taagccctgc gttggattat atcctgcact 480

gacaattaac tgccccaata tctacaatcc aaccc 515

<210> 55

<211> 176

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (5)..(5)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (32)..(32)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (40)..(40)

<223> n is a, c, g, or t

SEQLST~1.TXT

<220>
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 <222> (60)..(60)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (62)..(62)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (76)..(76)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (107)..(107)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (155)..(155)
 <223> n is a, c, g, or t

<400> 55	
tgtnaggat caaattataa tattgaaata anaacagctn acatttatat agcatgtttn	60
cntatctcaa ctaatnataa atgggaaaaat gggcaactgg gcaggcngaa cccagagggga	120
agcctgcccct cattagacca agacagcaag gtttncctg gtcactagat gaaatt	176

<210> 56
 <211> 317
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (4)..(4)
 <223> n is a, c, g, or t

<400> 56	
cagnagtgat gttgcaatat ctggaactag caaaggatac tgatgagaaa acgtggaatc	60
atgtgggatg tgacctccta ggactcacct tgcacagctg ggtgcagcag ggataggtaa	120
ggatttgggg tttagaggta caattgcctt tttatgggta gagaaagggtc ctggggctgg	180
agggagcctg acgatctgct ctgtgtgcaa ggggagagtt aactctgcac gcaagagcct	240
gcttaaaggg ctgtgtcagt tctattgtaa acaccaactt aaagtgggtgg atgctggcag	300
acattgttat tgccatt	317

<210> 57
 <211> 209
 <212> DNA
 <213> Human

SEQLIST~1.TXT

<400> 57
ctcatacacc tgtggctact gttttctaca gagtgccaaa actattcgag agaataggct 60
ctggactgga cactgtatac ccacatgcaa gatgaagttg gccccttaca tcctatacgc 120
aggagaattg cgtcatttaa agcctgttga cgcttttctc ccgcagacga atggaaagat 180
taattgggag tgggggctga aacaattcg 209

<210> 58
<211> 262
<212> DNA
<213> Human

<400> 58
aattttgctg ttacatggtg gctcaactga gtcccatact ttgaaggccg ggagttaatc 60
acctggtcac cgagttgcga accagcctcc aatatgtgga accctgtact ctctaaaaat 120
caaatcaccg gcatggagat tgcgcctgtg gtcccaaaat actcgggctg ggacacgatg 180
agttgcttgg cccaaggaag gaggggttga tggctgatca cactggtccg cctgggtgac 240
agagcgagac tccatctcta at 262

<210> 59
<211> 430
<212> DNA
<213> Human

<400> 59
gtcagtttat ttctgactag ggatattttc tttccattta gaaaagaaga aaaaaaaaaa 60
aaacctttat tgtcttacag gggggaacta gcgcggggct gaataaaacc tttggccctt 120
cccgggggag gggatatccg tttataaacc ccaaggggat tttcttagca aaatacttaa 180
aaccggccg ggtttttata caaactggga acccactttt gaaaaatttt ggccttttga 240
tctgggatgg gaatatgagt ttttatacat ttcattttct ttttgggcaa aggcccgggt 300
aagtattccc ccccgggggg cttttacaaa aagggcgggt taaaagctt ttgggcccc 360
ctaggaatt gttttaacac ctaaaaaccc ctgcttcct taaagggcg ttctttaatt 420
tgggggcggc 430

<210> 60
<211> 350
<212> DNA
<213> Human

<400> 60
aaacctctct aactatatat cacaataacc tgcgcataag atttacgctc cgatcttttc 60
atcctactag cttggaggat ttgaaccgat tatgaatacg caatactccc ggtcctcatg 120
tatcatgtgt aagcccatct cctgggaggg ctaacatact accatctcca aggagaggca 180

SEQLST~1.TXT

tgattccgaa tcacccacag acagctcgat caccatacgt atcacccaac atatatacct	240
tctaagactt gctagaaaca accaccacat ttgatgctta atcaccactc tgacgcgcat	300
taaagtgagg ggactctcct aatttctgta agttgatattt tgcattctga	350

<210> 61
 <211> 515
 <212> DNA
 <213> Human

<400> 61	
cacataaaatt ctccataagt taattagtga ttttaacatg atctcaatat aaacatagca	60
cacttttcttt gagaattcaa catattgcaa gttaaaattt tcatagacta cacaagaaag	120
aataatcagg caaatcctta agaataaggg caattaagga tgactagccc tacaagattt	180
taaaaaggat tcattagttt aaaaaatgtg atgtagatac atgaataaaa taaaatcttg	240
aagtagatcc aaatatacat ggtcagattg aatacaataa agatggcatc gtagcagtgg	300
agaaaagaag aattatttca taaaccttgt tggaatggct aggcaatcat ctggaaaaaa	360
atgaagtga ataataaaaa tatattctac actagcacia attataaata aagcagtgat	420
ttaaatgaga aaaattaaat cataatgatt tcaaagataa cataggataa tttctttata	480
gtcttctaaa atatatgact ttatgaattc tgact	515

<210> 62
 <211> 611
 <212> DNA
 <213> Human

<400> 62	
caagtacttt accaactaag ccaatcttgt cccagccag gcatttctat acaaagggcc	60
aagacttttg ttttataaat aaggaggat atataaatta tatatatttc tgagctgagt	120
aataatccac cagatacaag ttgcatcaa cttctgtgaa atattttttt tcctttttgt	180
tgggcatttt tatggtctaa atatagaatg accaatgcct ctagaacaaa cttgacctgg	240
tcagtgttat caagaagcag actgtttctt actttctttg tatttcctta cttattttaa	300
tttggttaaaa ttgatataatt gatataataa acttcttttg ccagtgttgg tggcacacgc	360
ctttaatccc agcacttagg aggcagaggc aggggtggatt tctgaatttg agggcaggct	420
agtctacaga gcaagttcca ggtcagccaa ggctatatat agaaactctg gcatgaaaaa	480
ccaaccaaac caaaccaaac caaacagac cagaccagac cagaccagac caaaccaaac	540
caaacagac taaaccaaac caaacagac cagaccagac cagaccagac cagaccagac	600
cagaccaaac t	611

<210> 63
 <211> 291

SEQLIST~1.TXT

<212> DNA
<213> Human

<400> 63
ccgagagatt ggccactgct taaactcatg cagctcctac tgttcttcaa ttaatgcctt 60
taatgcgaat atacttcctc ttctttttgc atggctcttg ccagcctctg caatactgat 120
gaacacatgc tgaagatcat ctaactcaat atggcgcata tttctatgtc ttgctgcccc 180
ggacatagga caacttcgtc gctcactagt tctaacatat taatgctggc gtaggtggag 240
aactactgca catatactct tactcggagg ctgaggcacg aggatcactt g 291

<210> 64
<211> 309
<212> DNA
<213> Human

<400> 64
gccagatgcc gtgtttcctc gatgaactct ttacatcatt ggctattcag tggagtgttt 60
cattatcacc tctcactctc gcgtgttacc taactctccc tcgcagggga aatcactcca 120
tatatttcaa atgtcttgct aacagtgggt actttgctct atccttagct atacgtctcg 180
aggcacattg ttctctatg ccccgctacg ctttgccta gagctcggcg gtatctatat 240
cttaactgcc ctcttgatcc ttacgtgccg gagaagggtg aggcagaaat tttgtcaaat 300
ctgattaga 309

<210> 65
<211> 278
<212> DNA
<213> Human

<400> 65
tagaatggaa tggagtcgaa tgtgatggaa tggacgcgaa tggaatggaa tggactcgaa 60
tggataaaag tggaatagac tcgaatggaa tggaatgcaa tggaatggac tcgaatggaa 120
agggatggaa tggactcgaa gggaatggaa tggaatggat tcgaatggaa aggaatggaa 180
tggactcaaa aggaatggaa tggaatggac tcaaattggaa tggactcgaa ttgaatgaaa 240
tgtaatggaa tagactcgaa tggaatggaa cgaaattt 278

<210> 66
<211> 142
<212> DNA
<213> Human

<400> 66
agttctcctt aggttaatta atggaatgca atcccaatga aaatgtcacc aaagttgttt 60
tttttttaac tgtaggaggt ttataataat gctcatatgg aaaaataaaa catgtaaaaa 120
atagctagta aactccccct gt 142

SEQLST~1.TXT

<210> 67
 <211> 286
 <212> DNA
 <213> Human

<400> 67
 atatctgcc a tcctcatcgg ccaatcgtgt tattttgatg acgaatgctt cggagattgg 60
 aaagatgatc tcctcatgct tccatgcact gcgagtagaa gacatactga gcatagtgtg 120
 attatTTTTCC caacaaattg gcattcatag atagaataag ctgactaaga ctacttagcc 180
 ccacattttt ttctacttgc tccaatagca ctaacaaata ggaagctctt gcttgctccc 240
 caaagctcca tttccttgaa agcagaagtg taatattact tcttag 286

<210> 68
 <211> 179
 <212> DNA
 <213> Human

<400> 68
 atctactttt tattcttttg ataaatgttt atgaaatata aaatactgaa aattagaaaag 60
 tagaagtcac tattttatta taaaacatgt ggattagata ttttcattta tgtgattaaa 120
 ctttctaaac aaagattata tgaattatct taaagattta aaaagtaatt aagttaaatt 179

<210> 69
 <211> 390
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (356)..(356)
 <223> n is a, c, g, or t

<400> 69
 cagataagac tattaagaca gataagagcc aaatcatgta gagcctcaga ggTTTTTgat 60
 cttcagtcta agaacgtaaa tccatggaag aatttttaagc aggggtgtgc cttgaccaca 120
 ttttgaattc taaactgtct ctgggtgggt gtgggtgccca ccaagagcat gtgttcatgt 180
 agggagactg gttttttaca gttgtctatg agagagatga cagttgcctg gattatgggtg 240
 gtgacattgg agataagcag gtagacagat tctcagtgtg ttaggagaga aaaatcaata 300
 ggaaatttaa aataaataat taactgtggc cataggagga aggagtcttt gggtnnggtt 360
 ctcaatttct gcatgagaaa aaaggtggac 390

<210> 70
 <211> 481
 <212> DNA
 <213> Human

SEQLIST~1.TXT

<220>
 <221> misc_feature
 <222> (26)..(26)
 <223> n is a, c, g, or t

<400> 70
 atgatgaaat gatgagatga aatgcntgag atgagatgtg atgaaatgat gatatgaaat 60
 gatgacataa aatgagatga aatgagatgt aatgatggaa tgagatgaga tgaaatgaga 120
 tgaaatgata gatgagataa aatgatgata tgaaatgatg agatgaatga tgagatgatg 180
 agatgaatga tgaaatgaaa tgatgagatg agatgatgaa atgaaatggt gagatgaaat 240
 gatgagatga aatgaaatag tgaaatgaaa ttgaaataaa atcgaaatga gagatgaaat 300
 gatgagatga tgaaattgat gaaatgatga gatgtgatga gatgaaatga tgagatgaga 360
 tgagatgaca tgaaataatg aaatgaaatt gaaatgagat aagatacgag ctgagatgca 420
 atgagatgaa atgatgagat gaaatgaaat agtgaaatga aattgaaata aaatcgaaat 480
 g 481

<210> 71
 <211> 125
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (5)..(5)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (19)..(19)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (29)..(29)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (38)..(38)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (42)..(42)
 <223> n is a, c, g, or t

<220>
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 <222> (45)..(45)
 <223> n is a, c, g, or t

<220>

SEQLIST~1.TXT

<221> misc_feature
<222> (49)..(49)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (61)..(61)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (77)..(77)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (79)..(79)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (88)..(88)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (90)..(90)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (100)..(100)
<223> n is a, c, g, or t

<220>
<221> misc_feature
<222> (110)..(110)
<223> n is a, c, g, or t

<400> 71
cggtngcaat tgggggccnc atacgcgcng acgagtantg gncangctnc ttgactacac 60
ngacgcgccg tacaggntna attatgggnan cttacatggn aaaggggcan ctcaatgtcc 120
cacag 125

<210> 72
<211> 473
<212> DNA
<213> Human

<220>
<221> misc_feature
<222> (151)..(151)
<223> n is a, c, g, or t

<400> 72
gaaatgaaat aatgaaatga gatgaaataa cgaaataaaa ttgaaatgag atgagaggaa 60
atgagatgaa atgttgaaaa gaaaggagga aatgatgagg tgagatgaaa tgatgagatg 120

SEQLIST~1.TXT

aaatgaatct gagatgaaat gagatgaaaa ntgatacgaa aaatgatata aaaaatatga	180
cctgagatga aatgagatga aaaatgatac gaaaaatgat ataaaaaata tgacatgaaa	240
tgaaatgaga tgatatgaaa tgacataatg aaatgatgaa ttgatgatat tgaaatgaaa	300
ttgaaagatg agatgaaatg atgagatgaa atgaaatgtt gaaatgatga agagatgtga	360
catgaaatga gctgaaatga gatgaaatga aatgagatta aatgatgaga tgaaaaatga	420
tgagatgaaa aatgagatga gatgatgaga tgagatgaga tgaattgaga tga	473

<210> 73
 <211> 500
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (7)..(7)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (16)..(16)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (233)..(233)
 <223> n is a, c, g, or t

<400> 73 aatgagnatg aaaagnatga aatgatgaga tgaaatgaaa tgatgagatg aaatgaggtg	60
aaatgaaatt agatgaaatg taatgagatg aaatgaaatg acctaataa atgaaataat	120
gaaatgagat gaaataaaaat aatgaaatga tgaaataatg aaatgaaaat gagatggaaa	180
tgatgagatg agaagaaatg atgagatgaa atgatgaaat gatgagatga ganaaaatga	240
gatgaaatga tgagatgaga tgaaatatga tgagttgaaa tgacataatg aatgaaatga	300
tgaaatggaa taatgaaatg gaaatgatga gctgagatgc aatgagttga aatgagatga	360
aatgatgaaa tgatgagatg aaatgatgaa atgaaataat gaaatgagat gaaataaaaat	420
aatgaaatga tgaaataatg aaatgaaaat gaaatggaaa tgatgagatg agaagaaatg	480
atgagatgaa atgatgaaat	500

<210> 74
 <211> 299
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (31)..(32)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (57)..(57)

<223> n is a, c, g, or t

<400> 74

ggaaatcctg aagtggaaat gatgagctga nntgcaatga gttgaaatga gatgaancga 60

tgaaatgatg agatgaaatg atgagatgag atgtgatgaa atgatgatat gaaatgatga 120

cataaaatga gatgaaatga gatgtaatga tggaaatgaga tgagatgaaa tgagatgaaa 180

tgatagatga gataaaatga tgatatgaaa tgatgagatg aatgatgaga tgatgagatg 240

aatgatgaaa tgaaatgatg agatgagatg atgaaatgaa atggtgagat gaaatgatg 299

<210> 75

<211> 155

<212> DNA

<213> Human

<400> 75

agtgaaatga aattgaaata aaatcgaaat gagatgagat gaaatgatga gatgatgaaa 60

taaaatgatg aaatgatgag gtgatgagat gaaatgatga gatgaaatga tgagatgaga 120

tgagatgaca tgaaataatg aaacgaaatt gaaat 155

<210> 76

<211> 367

<212> DNA

<213> Human

<220>

<221> misc_feature

<222> (11)..(11)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (35)..(35)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (37)..(38)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (43)..(43)

<223> n is a, c, g, or t

<220>

<221> misc_feature

<222> (56)..(56)

<223> n is a, c, g, or t

SEQLIST~1.TXT

<220>
 <221> misc_feature
 <222> (67)..(67)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (71)..(71)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (75)..(75)
 <223> n is a, c, g, or t

<400> 76
 atagcaaaag ngggtaaaac ccctgagttt gcganannag tantcttgta ggggcnaact 60
 ctacttnaga ngaantcctc gcaaaatcct tgaatcaccg cttcagtgcg gtgatatcac 120
 cgccatgaaa tttctgctcg attagcttac gttgtttgga tagaggccaa acaaggctgt 180
 tatcggtagc aggaatggat gttcgatttc gtagaatacg cctgagagac ggcgaatact 240
 ctcacgagag gcagcaggcg cgtaaattac ccaattacaa caagtagagg tagcgaagga 300
 aaatatgagg ggtggcaagg ttttgcctgt tacatttctca aatggaagca aattagatat 360
 gtcattg 367

<210> 77
 <211> 257
 <212> DNA
 <213> Human

<220>
 <221> misc_feature
 <222> (6)..(6)
 <223> n is a, c, g, or t

<220>
 <221> misc_feature
 <222> (11)..(11)
 <223> n is a, c, g, or t

<400> 77
 actagnacag naatttttagc taagtggagt ttgagttaag tggagatgtg agaccatctc 60
 atagaaatca ttattttctgt gggatggata attgggccaat attgtaaaat attttaacta 120
 tcagtgtttg gggtttattt ttaaaagaat aggggtgccac cagatgttct ttagtggagg 180
 agaaatgagg ccagagtgcg tgcctagaaa attaagttgg taaattaatc acttttttct 240
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tattacaaa atatttggac cattantaaa gantagggcc aaccnaatt tttcttgaaa 180
tttccgttaa atagccgtta aatgttttta cccatttcat attggatacc ttaaattata 240
ataatggatt ttattgttaa attgtgtgtg tgtgggtgtg atgccctgtc ttttctcctc 300
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tgatgaaatg agatgagatg agaagaaatg acttgatgag atgagataaa atgatgaaat	120
gaaatgaagt gaaatgaaat tgaaatgaga tgagatgaaa tgagataaaa tgatgagatg	180
aatgagaag aatgagatg aatgatgaa atgatgagat gagatgaaaa atgatgggat	240

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gagaaatgag atgaaatgat gggatgaaat gaaatgaaat aatgaaataa tgaaatgaaa	300
tgaattgata atattgaaat gaaattgaaa gatgagattg gatgaaatga tgagatgaaa	360
tgaaatgttg aaatgaaatg aagagatgta acatgaaatg agctgaaatg atgagatgaa	420
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ntagggacct gctctataag cccatcataa tttattatga agttataaca agtaaaacag	180
taagggtattt ggcattggaat agagaaccca gaaacagacc caatgcatgg gtacaggata	240
taacacaggg aaatgagggg caatatatgg ttctgggata attatttata tggggaaaat	300
aaagaaattg gatccctacc tcacacatac aaaaaaaatc ataattgaat taaaaacttg	360

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aacttcctca gaaggacaag agacaaagaa gtggggggagg ccctcctatc catagctgag 180
agggtttatt ctttgtggtt ctgctgtcag agcctttgga tgtctgatct gagatggagc 240
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<213> Human

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gaaaagaaaa tggttttttt tgccgaaatc aaccgggtaa 100

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gcggaggagt cgatccgtct actcctatcc cgtcggctcg gatttactac aggagctaag 480
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<400> 88
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aggaacgaac cccccctcat taccacggtc ccgcgtccgc ctcttctcc attcgcaaca 240
gttctattcc tttcagctc ccgtacctgc ttccagaaca tcgcaccgcc atagtcgaaa 300
gatagcaaag attaccagc ttctattcct cgccccagag ccgagtaaat cgaagtttat 360
agaggcggaa tccaaccatt caagagttaa aacaagttat cggcactcgg gggatcagaa 420

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ttcgctaaca agccattgac ggcgctttgc cgcgcgggcc catctcgcgt 530

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aaaaaaaaagg ttaaancccc cccttttttt ttgggttggg gtgggaaaat tttgggaanc	240
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naaannggn nctngggggg ggaaantttt ggcccccccc cgggggnttt ncctnaaaaa	240
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ccnttnnanc ntgggnnttt ttagnccttn aaaaaaangc naatnttaag gtaaaaaatn	420
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ntnnanctnc ngntnaacat cacagctnct ccnagcatca ccctgctagn tancngngg 180

SEQLST~1.TXT

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canngtctnt gacngtgtga tgcatacgnt tgggcagagn gancaatang tgngcatatg	300
cgtgccttac ncaaggatac ggangngctt gaaattgatg ngaccaanan tttnggtacg	360
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tgatgagatg agatgacatg aaataaatga aataatgaaa tcgaaatgag atgagaagat	240
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ntaaatgnga tgaattaatg atgagatgaa atgntgaatg ccggggtggn tgagatgaat	720
tgagttgaac cctgngatga atgaagattg nntgaatggt ggntgaatgt tgaatggntg	780
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SEQLST~1.TXT

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 gaaatgaaat gatgaaatga atagatgtga catgaaatga gctgaaatga tgagatcaaa 180
 tgaaatgaaa tgagattaaa tgatgagatg aaaactgatg aaaacttaaa tgatgaaata 240
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 gaaatgaaat gatgagatga aatgagggtga aatgaaatta gatgaaacgt aatgagatga 180
 aatgacctaa tgaaatgaaa aaatgaaatg aaataatgaa atgagggtgaa attaaatgag 240
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ctcaggggggt cttttgttct ctacgcctaa aaacttaatc tgtttggaac aattcctttt	180
cctctctgta gaaattgacc tggccatggc tcctgtgaat gatacggttg ctattatccc	240

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 ngaggaagac cc 132

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 aaaaatagat aatggtaatc caagcacgat ggtagccatc actctaattg ctttgggggtt 180
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